

As an initial matter, Applicants request that the attorney docket number in this case be changed from "04995.0032-0" to -- 56273/ (71758) --. The Examiner is thanked in advance for attention to this detail.

In the Action at pg. 2, paragraph 7, the position was taken that:

The drawings contain sequences that lack the requisite identification by SEQ ID NO. Specifically, Figure 6 contains 4 sequences but it is unclear which SEQ ID NO identifies which sequence. All sequences must be identified by a SEQ ID NO. See 37 C.F.R. 1.821 (d)

Applicants respectfully disagree that Figure 6 is not in compliance with 37 C.F.R. 1.821 (d). For instance, reference is made to the sequences shown in Figure 6 by appropriate sequence identifiers ie., SEQ ID Nos. 41-42 (light chain) and SEQ ID Nos. 42-43 (heavy chain). Respectfully, there is no basis for the Office position in the rules.

Specifically, SEQ ID Nos 41 and 42 clearly reference the light chain sequence shown in Figure 6. One reading the application could turn to the sequence listing and see that SEQ ID Nos. 41-42 refer to the light chain nucleic and amino acid sequences respectfully, of *Shigella dysenteriae*. Similarly, SEQ ID Nos. 43-44 clearly reference the heavy chain sequence. One would know from referring to the sequence listing that the identifiers refer to the heavy chain nucleic and amino acid sequences respectfully, of the same organism.

To make reference to the featured sequences even clearer, Applicants submit herewith a substitute Figure 6 along with a marked up copy to show the changes made. As seen in the new Figure 6, the light chain is unambiguously referenced by SEQ ID Nos. 41-42 and the heavy chain is referenced by SEQ ID Nos. 43-44.

No new matter has been added by virtue of the new Figure 6. The new Figure 6 is in full compliance with the sequence listing rules.

Although it is not believed that any additional fee is required to consider this submission, the Commissioner is hereby authorized to charge our deposit account no. 04-1105 should any fee be deemed necessary.

Attached to this submission is a marked-up version of the changes made to Figure 6.

Respectfully submitted,



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PATENT TRADEMARK OFFICE

FIGURE 6

(Double underlined = CDRs)

SEQ ID NO. 41-42

11E10 LIGHT CHAIN ~~7/23/97 12:38 PM~~

21 11E10 27	GACATTTGTC TGTCACAATC TCCATCTCC CTAGTTGTGT CAGTTGGAGA GAAGCTTACT ATGAGCTGCA AGTCTAGTCA D I V L S Q S P S S L V V S V G E K V T M S C K S S Q	10 20 30 40 50 60 70 80
21 11E10 27	GAGCCTTTTA TATAGTAGAA ATCAAAGAA CTACTTGGCC TGGTACCAGC AGAACCAGG GCAGTCTCCT AAAGTGCTGA S L L Y S R N Q K N Y L A W Y Q Q K P G Q S E K V L	90 100 110 120 130 140 150 160
21 11E10 27	TTTACTGGGC ATCTACTAGG GAATCTGGG TCCCTGATCG CCTCACAGGC AGTGGATCTG GGACAGATTT CACTCTCACC I Y W A S T R E S G V P D R L T G S G S G T D F T L T	170 180 190 200 210 220 230 240
21 11E10 27	ATCAGCAGTG TGAAGGCTGA AGACCTGGCA GTTATTACT GTCAGCAATA TTATAGTTAT CCGCTCACGT TCGGTGCTGG I S S V K A E D L A V Y Y C Q Q Y Y S Y P L T F G A G	250 260 270 280 290 300 310 320
21 11E10 27	GACCAAGCTG GAGCTGAAA T K L E L K	330 340 350 360 370 380 390 400

SEQ ID NO. 43-44

11E10 HEAVY CHAIN ~~7/23/97 12:36 PM~~

1 11E10 11	GAAGTCCAAC TGCAACAGCC TGGACCTGAG CTGGAGAAGC CTGGCGCTTC AGTGAACATA TCCTGCAAGG CTCTCTGTTA E V Q L Q Q P G P E L E K P G A S V K L S C K A S G Y	10 20 30 40 50 60 70 80
1 11E10 11	CTCTTTCAC TACTACAACA TGAAGTGGT GAAGCAGAAC AATGGAGAGA GCCTTGAGTG GATTGGAAA ATGATCCTT S F T D Y N M N W V K Q N N G E S L E W I G K I D P	90 100 110 120 130 140 150 160
1 11E10 11	ACTATGGTGG TCTTAGCTAC AACCAGAACT TCAAGGACAA GGCCACATTC ACTGTAAGCA AGTCTTCCAG CACAGCCTAC Y Y G G P S Y N Q K F K D K A T L T V D K S S S T A Y	170 180 190 200 210 220 230 240
1 11E10 11	ATGCAGTTCA AGAGCCAGAC ATCTGAGGAC TCTGCAGTCT ATTACTGTAC AAGAGGGGA ATAGGGACT GGTACTTGA M Q F K S L T S E D S A V Y Y C T R G G N R D W Y D	250 260 270 280 290 300 310 320
1 11E10 11	TGTGTGGGC GCAGGGACCA CGCTCACCTT CTCCGCA V W G A G T T I T V S A	330 340 350 360 370 380 390 400